

FIG. 1

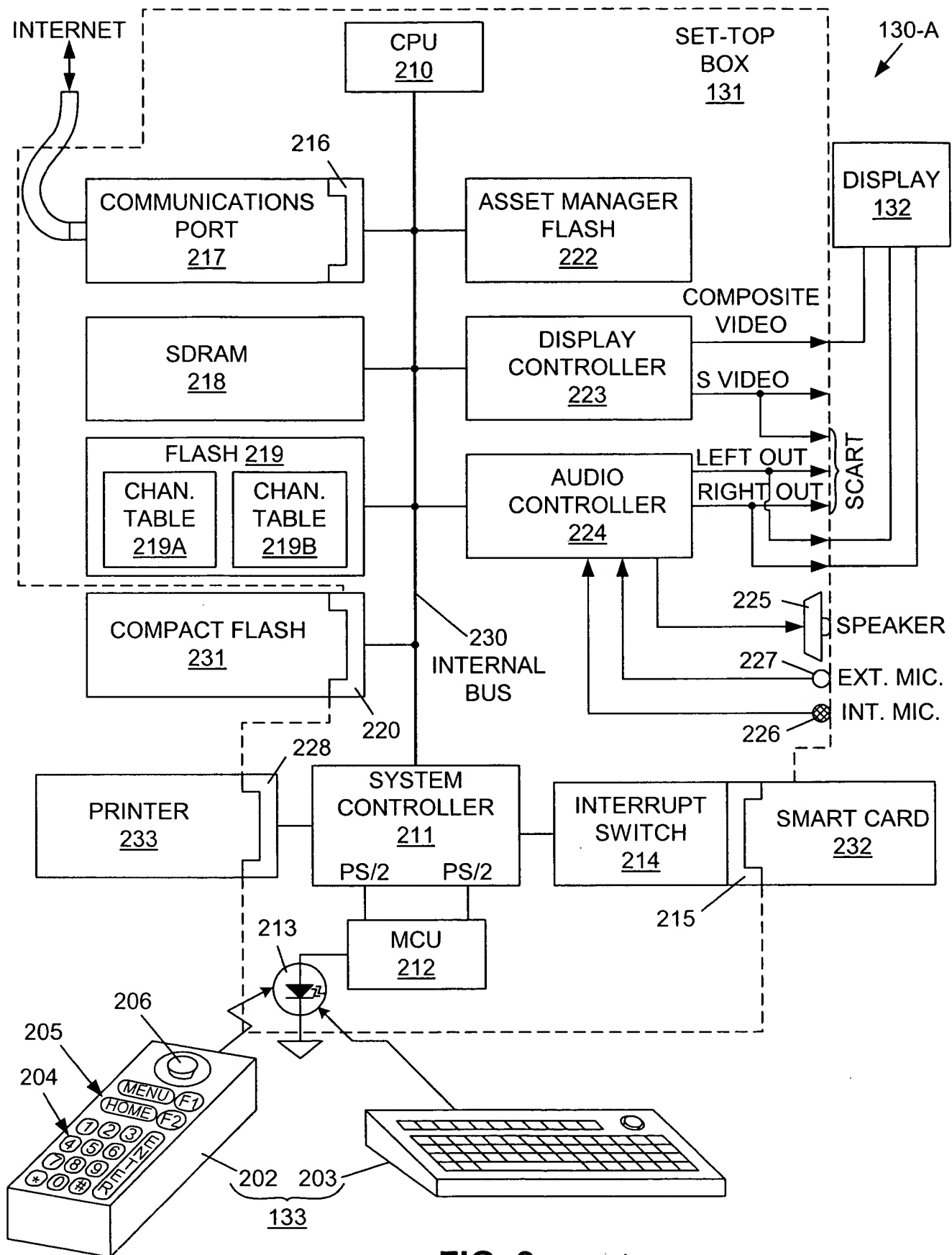


FIG. 2

# CHANNEL TABLE FLASH 219

## USER 1 CHANNEL TABLE 219A

CH. NO.	SITE NAME	SITE ADDRESS	PARENT CODE	FAVORITE
010	XYZ NEWS	WWW.XYZN.COM	Y	Y
020	ON-LINE STORE	WWW.OLS.COM	Y	N
030	WEATHER CNTR	WWW.WC.COM	Y	N
040	ABC BROKERAGE	WWW.ABCB.COM	Y	N
050	NET SCHOOL	WWW.NETS.COM	Y	N
060	ADULT SITE	WWW.ADULT.COM	Y	N
411	TEL DIRECTORY	WWW.ABELL.COM	Y	N
911	AMBULANCE S.	WWW.SOS.COM	Y	N

## USER 2 CHANNEL TABLE 219B

CH. NO.	SITE NAME	SITE ADDRESS	PARENT CODE	FAVORITE
010	XYZ NEWS	WWW.XYZN.COM	Y	N
020	ON-LINE STORE	WWW.OLS.COM	Y	N
030	WEATHER CNTR	WWW.WC.COM	Y	Y
040	ABC BROKERAGE	WWW.ABCB.COM	Y	N
050	NET SCHOOL	WWW.NETS.COM	Y	Y
060	ADULT SITE	WWW.ADULT.COM	N	N
411	TEL DIRECTORY	WWW.ABELL.COM	Y	N
911	AMBULANCE S.	WWW.SOS.COM	Y	N

FIG. 3(A)

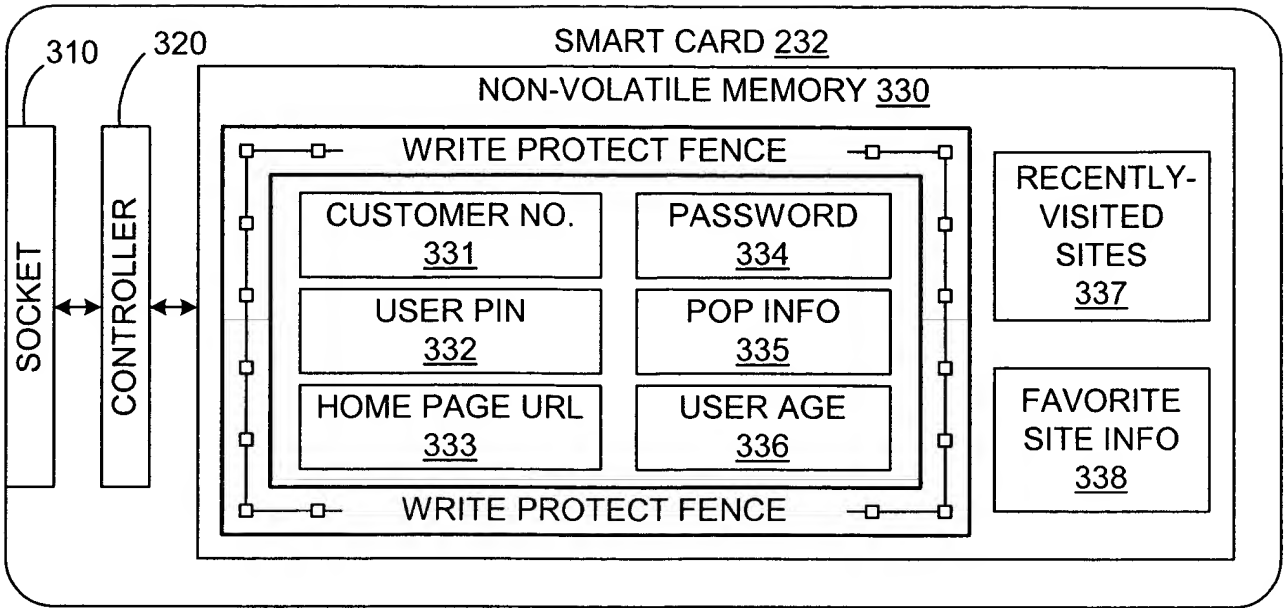


FIG. 3(B)

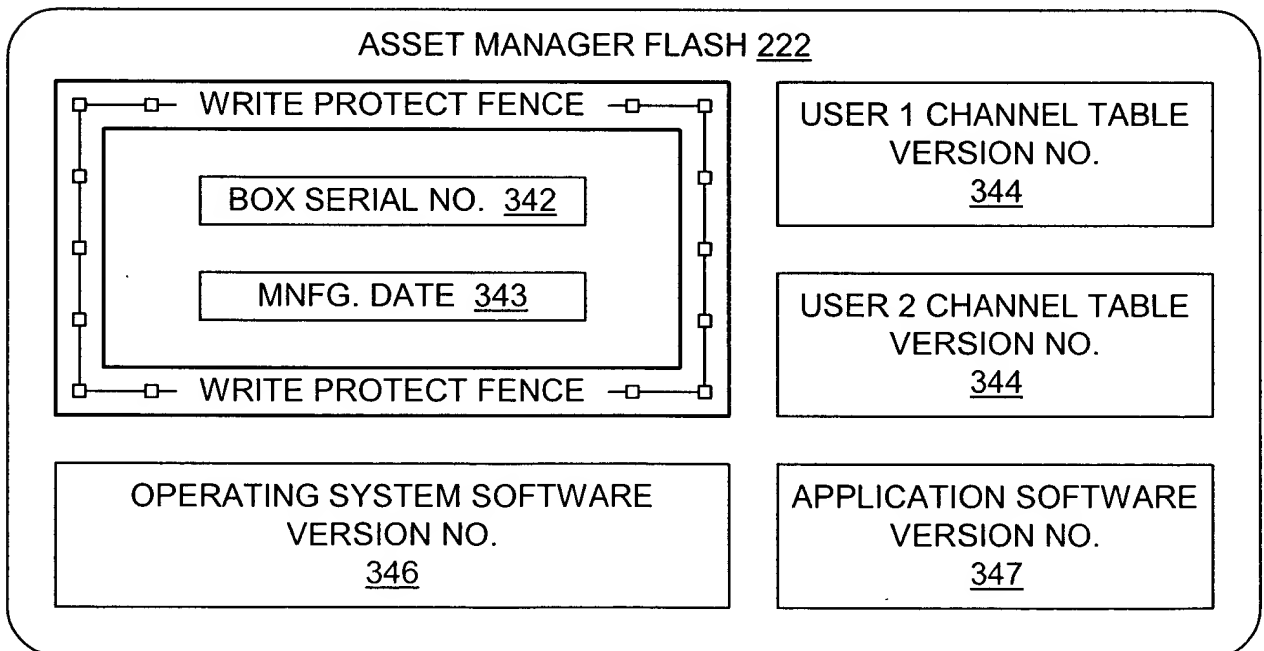


FIG. 3(C)

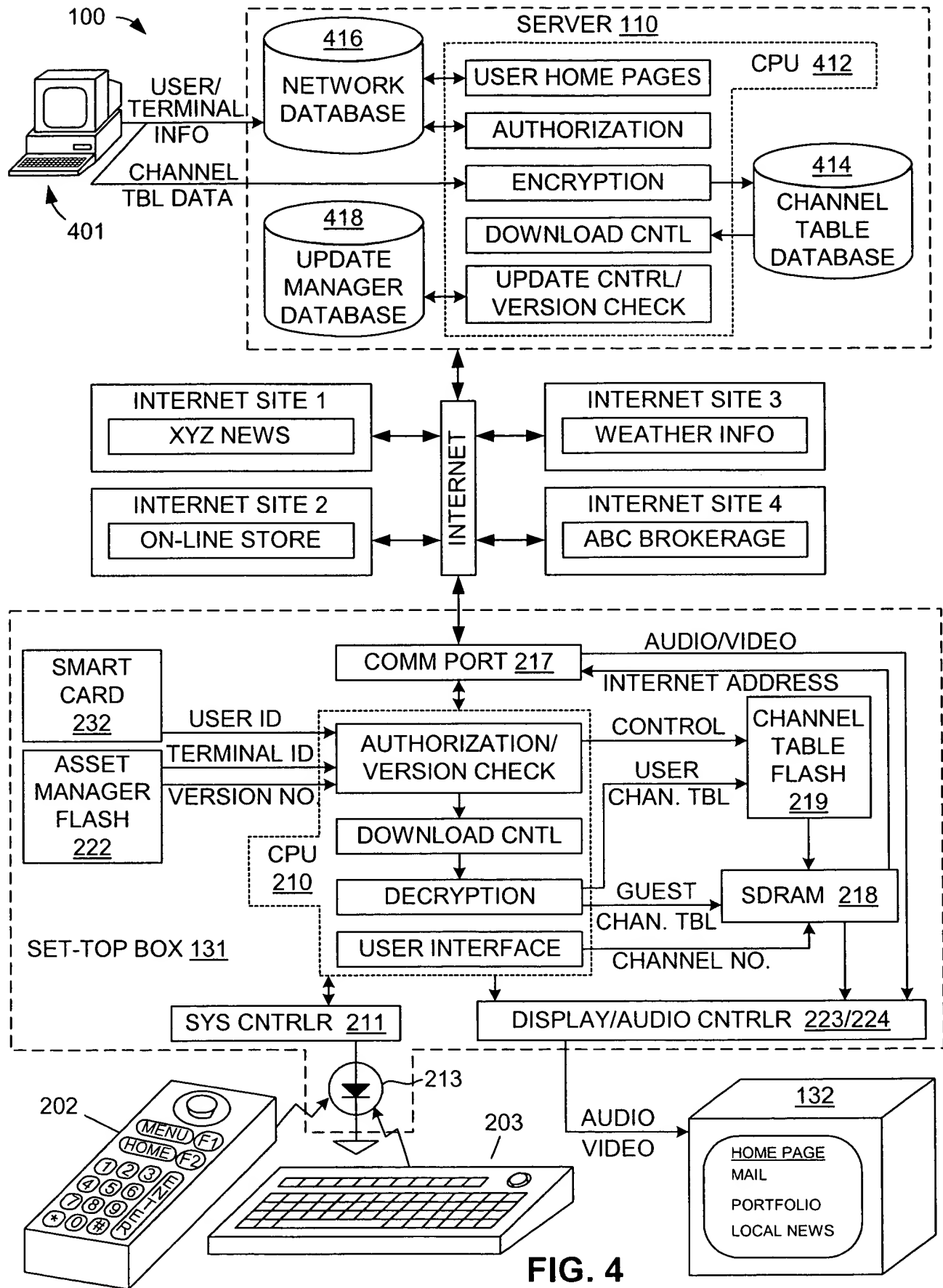


FIG. 4

CHANNEL TABLE DATABASE <u>414</u> (MASTER CHANNEL TABLE 112-A)			
CHANNEL NUMBER	SITE ADDRESS	SITE NAME	RATING
010	WWW.XYZN.COM	XYZ NEWS	PG
020	WWW.OLS.COM	ON-LINE STORE	PG
030	WWW.WC.COM	WEATHER CNTR	G
060	WWW.ADULT.COM	ADULT SITE	X
411	WWW.ABELL.COM	TELEPHONE DIRECTORY	G
911	WWW.SOS.COM	AMBULANCE SERVICE	R

**FIG. 5(A)**

NETWORK DATABASE <u>416</u>				
USER NAME	HOME TERMINAL NO.	USER STATUS	CHANNEL TABLE TYPE	CUST. NO.
JOHN DOE	TERMINAL 1	CURRENT	ALL	CUSTOMER 1
JANE DOE	TERMINAL 1	CURRENT	SHOPPING	CUSTOMER 1
BOY DOE	TERMINAL 1	CURRENT	CHILDREN	CUSTOMER 1
JOE JOCK	TERMINAL 2	CURRENT	SPORTS	CUSTOMER 2
S. STUDENT	TERMINAL 3	CURRENT	EDUCATION	CUSTOMER 3
DAN DELAY	TERMINAL 4	EXPIRED	ALL	CUSTOMER 4

**FIG. 5(B)**

UPDATE MANAGER DATABASE <u>418</u>			
TERMINAL NO.	USER NAME	CURRENT CHANNEL TABLE VERSION AVAILABLE	UPDATE SCHEDULED?
TERMINAL 1	JOHN DOE	STANDARD 020	YES
TERMINAL 1	JANE DOUGH	SHOPPING 007	YES
TERMINAL 2	JOE JOCK	SPORTS 013	NO
TERMINAL 4	DAN DELAY	STANDARD 020	NO

**FIG. 5(C)**

FIG. 6 is a flowchart illustrating a process for managing updates to a network database.

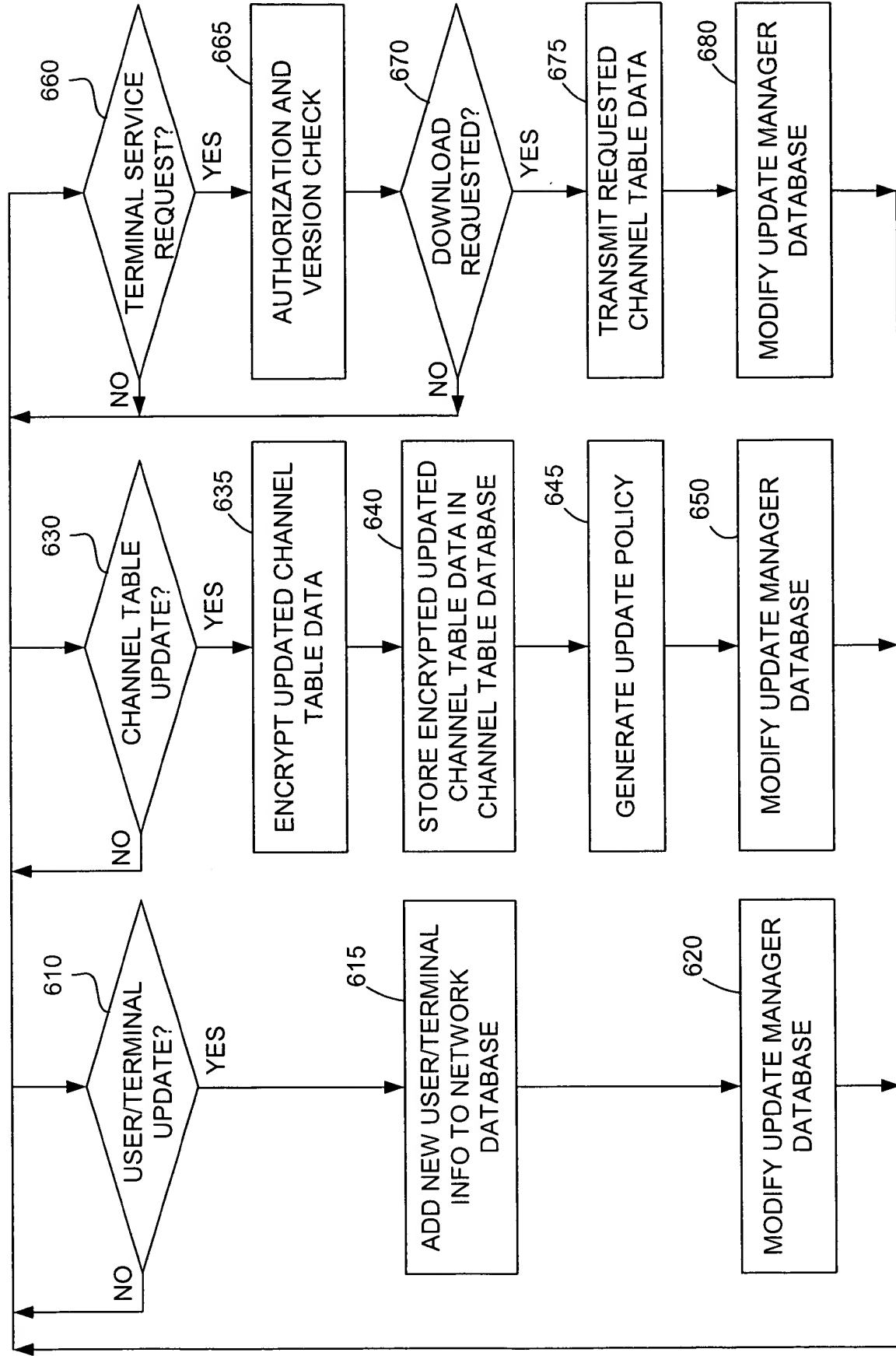


FIG. 6

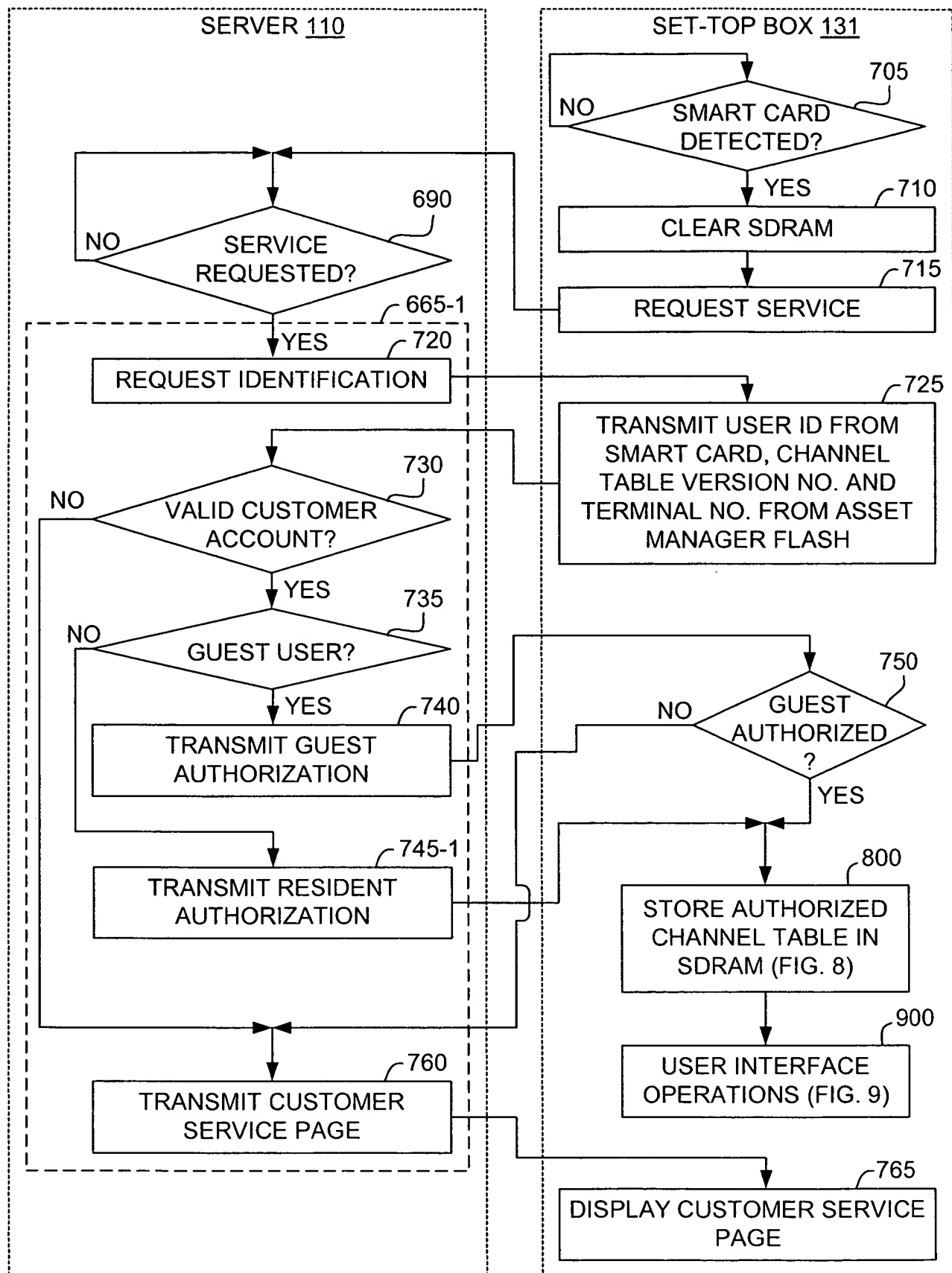


FIG. 7



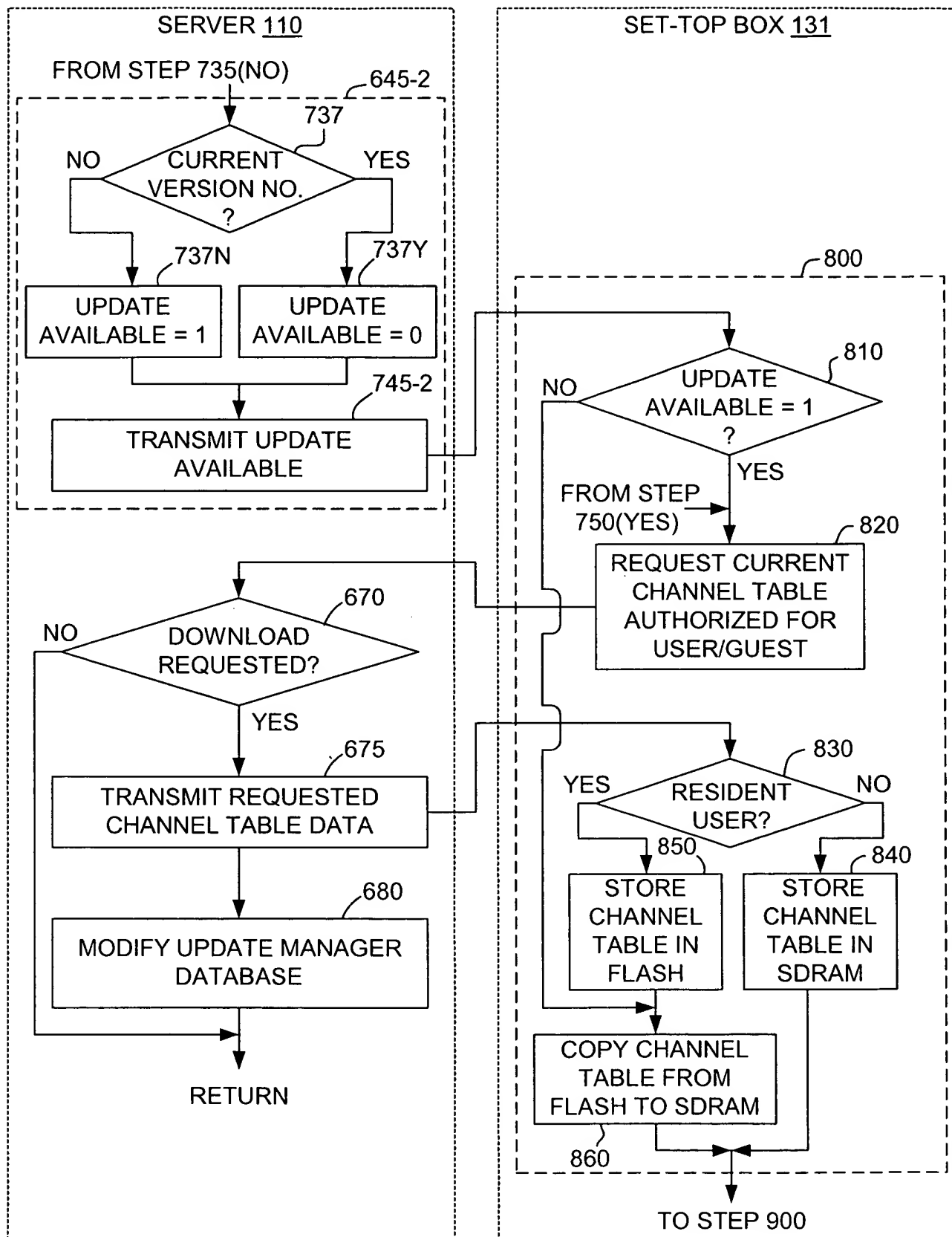


FIG. 8(A)

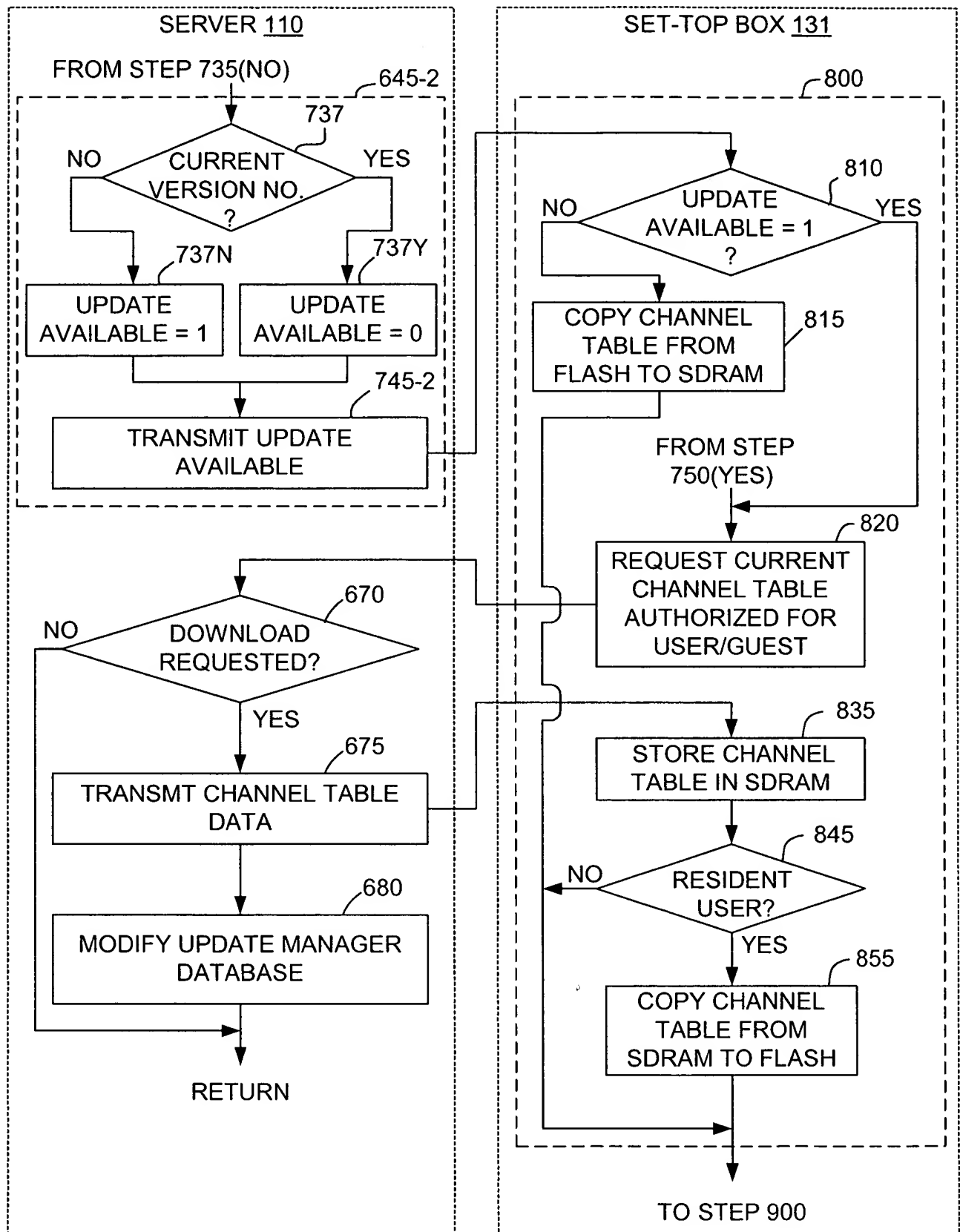


FIG. 8(B)

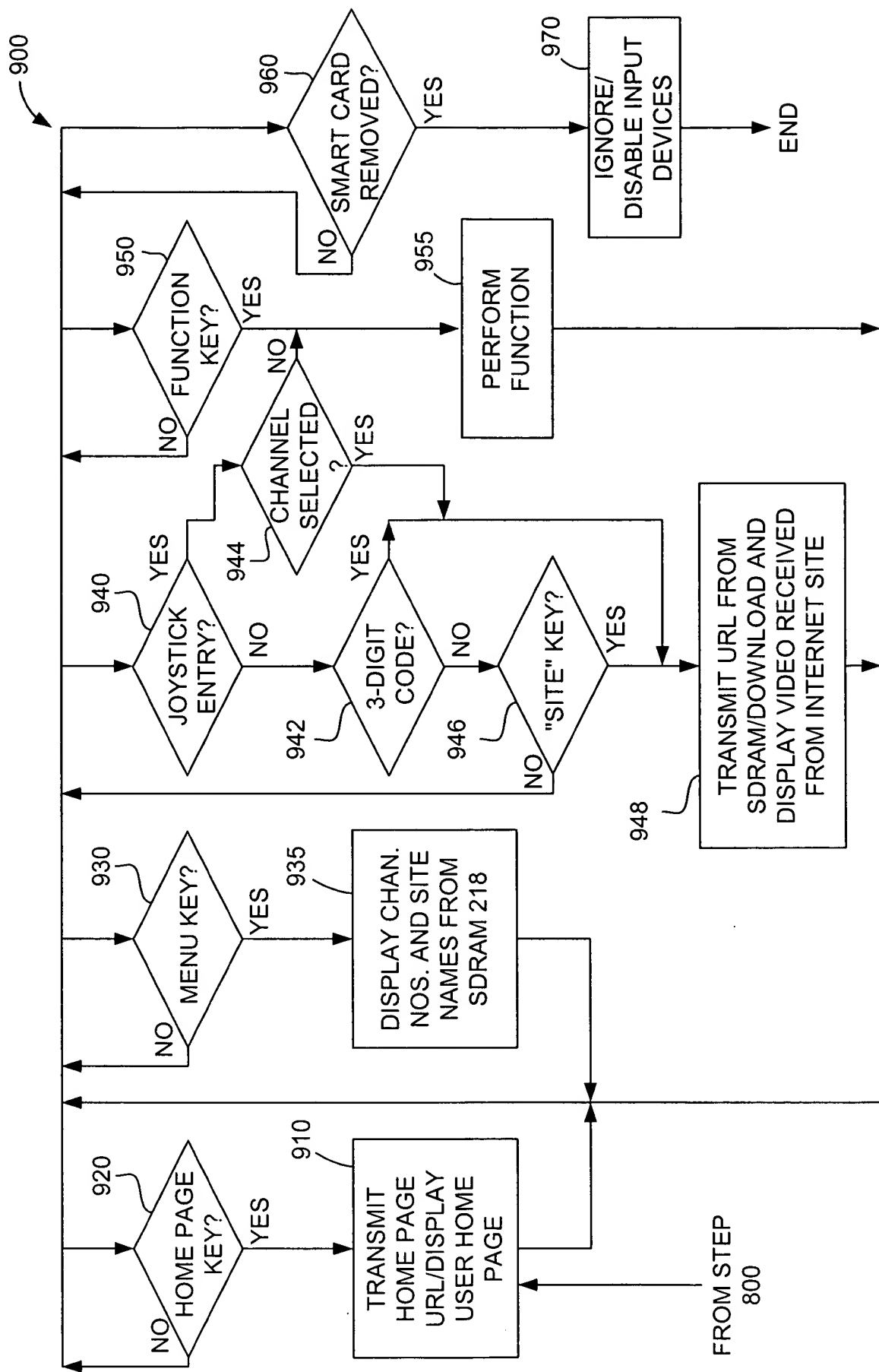


FIG. 9

FIG. 10 is a block diagram of a system 1000 for providing a service to a user device 131 via a satellite 1012. The system 1000 includes a server 110, an internet 1001, a satellite uplink 1011, a satellite receiver 1010, and a set-top box 131. The server 110 is connected to the internet 1001. The internet 1001 is connected to the satellite uplink 1011. The satellite uplink 1011 is connected to the satellite 1012. The satellite 1012 is connected to the satellite receiver 1010. The satellite receiver 1010 is connected to the set-top box 131. The set-top box 131 includes a communication port 217 and a communication port 1017. The communication port 217 is connected to the internet 1001. The communication port 1017 is connected to the satellite receiver 1010. The set-top box 131 also includes a user interface 230.

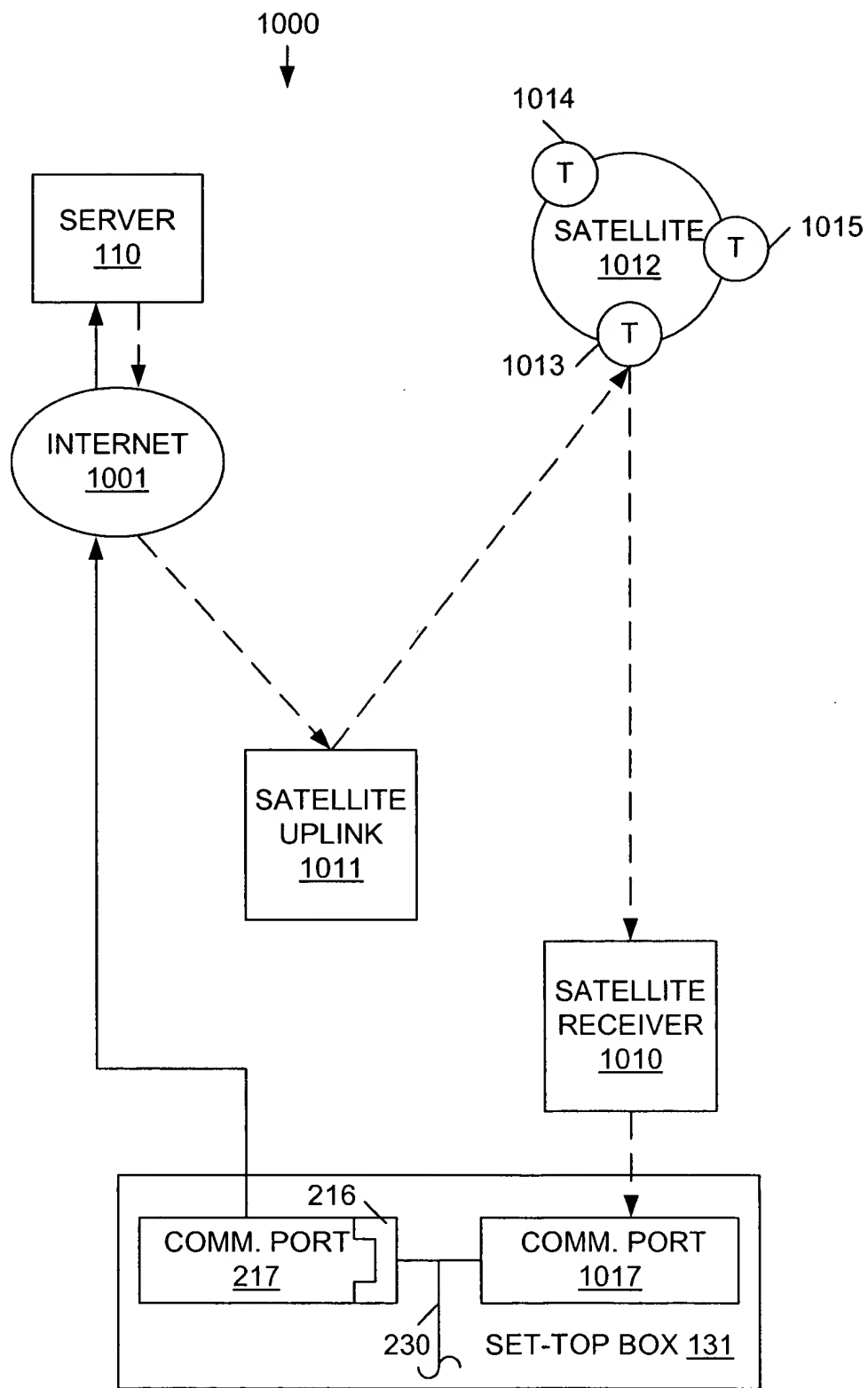


FIG. 10

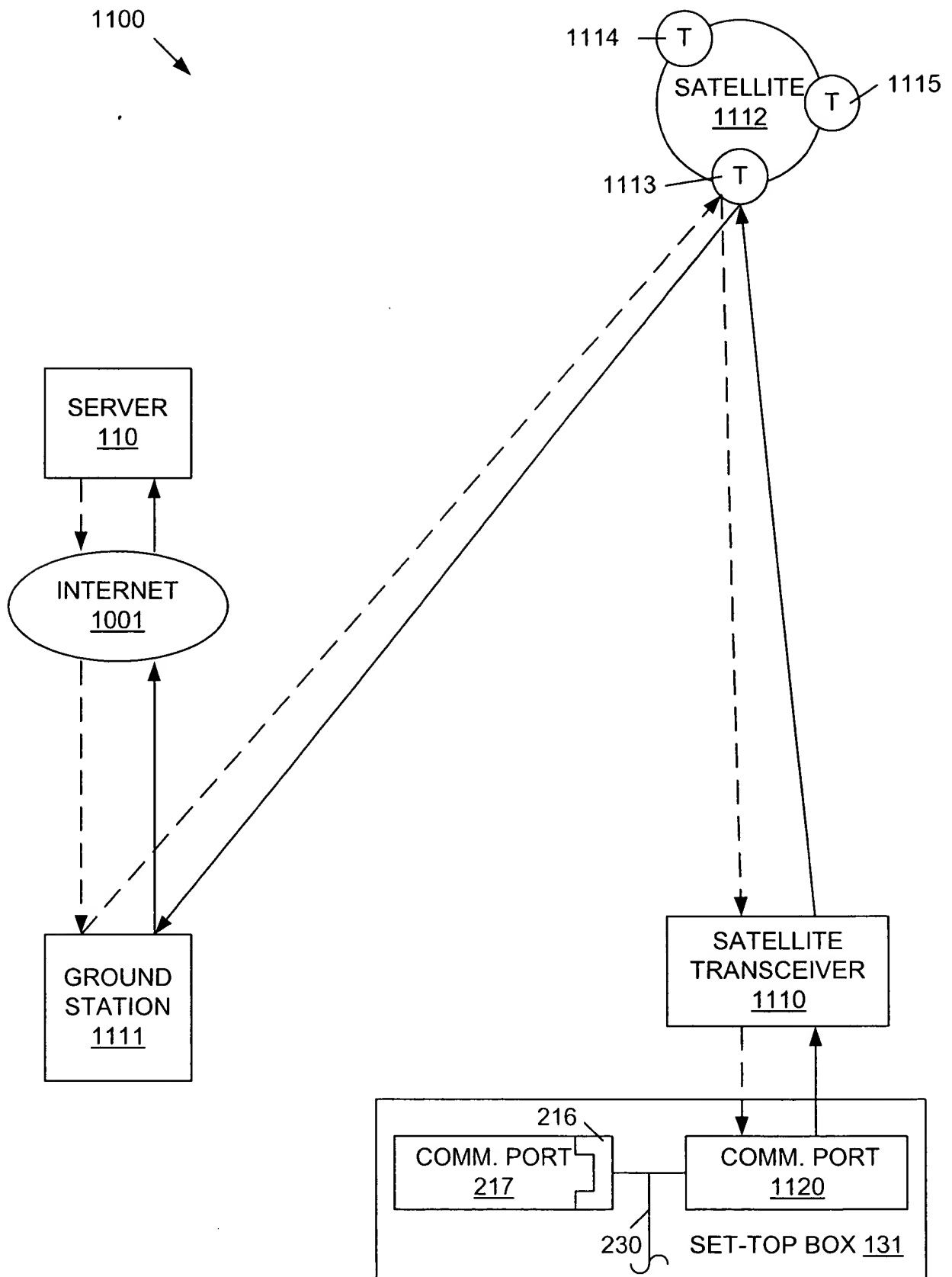


FIG. 11